CONTENTS	SHEET NO.	SHCET		
SHEET INDEX SYMBOL RECORD OF CHANGES NOTES SUSEO-ON TABLE SUPPORTING INFORMATIONS CURRENT ORAIN	1	2		
CIRCUIT SCHEMATIC	2	2		
COMPONENT LIST CIRCUIT DESCRIPTION	3	2		

SYMBOL BUS TERMINATOR A

	ELEMENT I	CENT		
TERM. MOO	FUNCT	TERM,	LOC	
ACKIO	1	115	204	
BA16CRO	Ī	213	2A8	
BACRO	I	300	2A7	
BCLK	I	314	25.9	
8øFL0	I	313	287	
8SHP0	1	019	246	
BSPARE	I	T18	246	
CFK	I	103	246	
FILLO	1	316	289	
GPO	1	202	2AS	
18001	I	110	2A1	
IB011	I	109	2A1	
I8021	1	009	240	
IB031	1	010	2A0	
I8041	I	011	2A0	
I80S1	1	111	240	
INHBRO	1	201	288	
INITO	I	116	244	
RCO	I	216	2A2	
ROO	I	007	282	
SDINO	I	218	2A7	
SDØTO	1	018	2A7	
SDO SSTO	1	016 217	2A3 2A3	
3310		611	200	
STUFFO	1	301	288	
CLKRO	g	003	21/3	
ERO	ø	117	2HO	
GØ81	8	004	2918	
GPRO		101	2146	
INTPO		302	2911	
ROYO		317	2H1	
SYNCO		303	2H3	
MATTO		104	2917	
+5		000.119	2H3	
GRO	6	200,319	2116	

DHG PREV

MFR 01SC SEE

RECORD OF CHANGES

OESIGN

CONTROL

USEO ON

СОММОМ SYSTEMS

CURRENT ORAIN: SOSmA

NOTES:

1. A GROUND RETURN

2. UNLESS OTHERHISE SPECIFIED: RESISTANCE VALUES ARE IN THRIS CAPACITANCE VALUES ARE IN MICROFARADS VALUES PROCEDED BY THE SYMBOL + (PLUS)

OR - (MINUS) ARE IN VOLTS 3. BATTERY AND GROUND TERMINALS FOR INTEGRATED CIRCUITS

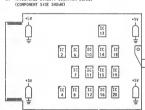
COOE	BAT. TERM.	GRO TERM.	
4188	16	8	
41AE	16	7,8	
41BP	16	8	
41BR	16	7,8	
41CA	16	8	
410	16	8	
41W	16	8	
	1		
	1		
	1		
	1		

4 BATTERY AND GROUND TERMINALS FOR THIS CIRCUIT PACK ARE AS FOLLOWS.

> FUNCTION TERMINAL 000,119 GRO 200,319

S. HORIZONTAL MOUNTING CENTERS AT O.SO INCH.

6. INTEGRATED CIRCUIT LOCATION GUIDE:



UNMARKED COMPONENTS ARE FILTER CAPACITORS

SUPPORTING INFORMATION WHEN CHANGES ARE MADE IN THIS ORAWING JK8 947C 9474 SERIES FOR LATEST CLASS A SERIES IS ACCEPTABLE).

ONLY THOSE SHEETS AFFECTED WILL BE REISSUEO. THIS SHEET INDEX WILL BE REISSUED AND GROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.

SHEET INDEX NOTES

THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET HILL BE THE SAME ISSUE NUMBER AS THA! OF THE FIRST SHEET.

SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.

THE LAST ISSUE NUMBER OF THE FIRST SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE

	NOTICE - NOT FOR USE OR DISCLOSUR SYSTEM EXCEPT UNDER WRIT	RE OUTSIDE ITEN AGREEM	THE BELL ENT.	ISSUE 2DI
H		11198		1-0.
	JES CIRCUIT PACK		ATATCI Standai	
	BUS TERMINATOR A	2	CPS-JK8	

BELL TELEPHONE LABORATORIES 6S

3 SHEETS

CATEGORY

CIRCUIT PACK CODE

CONMICTION ON FRAME

ACCEPTABLE SERIES

0

2

3

	0	- 31				1	2		3	-			BUS TERMINAT	CPS J				6					8	 9	
A B	INTEGRATED C	_	DESIG GP81 CLKBO GP61 GP60 STRDO CLKB1 GP80	IC4 41BP SH LOC 285 286 2D9 2E9 288 2C6 2C5	DESIG BYC10 DVC00	IC6 41AA SH LOC 281 200	DESIG BTERO BTSYNO SPO2 SPO3	IC7 41CA SH LDC 260 263 289 209	DESIG DA AIDA	IC8 41AE , SH LDC 207 206	DESIG GMB1 1MC1 BTER1 BTRC0	IC10 41U SH LOC 2F9 200 2F0 2C2	DESIG CLKR1 SPO4 BTSYN1 CLKRD	IC11 41H SH LOC 2F3 2E9 2F2 2G3	DESIG DB AIDB	IC12 41AE SH LOC 2E7 2E6	DESIG RCB1 RDB1 INTB1 ACKB1 SSTB1 SDB1 SP05	IC13 41BP SH LOC 282 282 284 284 283 283 269	DESIG AIO ACKBO INTBO SSTBO SDBO AIERO SPO6	IC14 41BP SH LOC 2E4 2C4 2C3 2C3 2C3 2F2 2E9	DESIG AII BTRDO EMGP1 BTSSTO	IC15 41U SH LOC 204 202 203 203			
	LOC CODE ELEM ID DESIG A ATCLK B ETO C ET1 D ETCH1 E F	IC16 41U SH LOC 2F6 2E4 2E5 264	DESIG BTAD SP07	IC18 41AE SH LOC ZED 2F9	DES16 GPRO BTHTD SPOB SPO9	IC19 4°CA SH LOC 2°F6 2°F7 209 209	DESIG STD SP10	IC 20 41AE SH LOC 2C8 2C9							•										
	CAPACITOR 0ESIG (15)CI-CTS [4] C16-C19 RESISTOR	CDDE KS-19774 601A,S	L5,0.1						THIS HANDS REGIS FOR T	HAXING AND TER BN JK9	K IS PART Ø CØNTRØL LØG IS PRØVIDED BUS CØMMAN	IF THE BUS T FIC FER THE FAR-END T FLERUS AND	PARALLEL HOL	LOING RESISTARS		T) G) P)	HE TIMING CH PO ASSERTS N ARALLEL REGI S TØGGLED.	ME GPO LEAD, MAIH STD, DA MAITO. AT ISTER SWN JK9 THE MEXT PUT WHE SWIT-PUT	, AMD DB. HE TRAILIHO IS CLØCKED ANSITION OF	THE LEADING EDGE OF GI VIA CLKRG THE CLOCK	G EDGE ØF PO, THE AHD FF SID TØGGLES				Tank o
	DESIG (4) RT-R6 R7 R7 R8 (11) P9-R19 (6) R20-R25 R27 R27 (11) R28-R38 R39 (6) R40-R45 (6) R40-R45	CODE KS-20616	L1A, 182 30! 182 392 243 365 243 432 1KD 301 365		•				LEADI BR ALL AND C THE T IS CL A LEW CLKRO AT TH LEADS A LEW GEBT.	HG EDGE ØF L ZERØ'S. L KRO REMAIN RAILIHG EDGI ØCKED INTØ LEVEL ØN R! . SYMCO REI E TRAILING I IS CLØCKED	RCO AND IF RCO AND IF LEW UNTIL E EF RCO, T THE REGISTE DO AND FF 8 MAINS LEW U EDGE EF RDO INTE THE R STO AND FF S THE BUTPU	FF (BTAD) BI TBOOT THRBU- DI ASSERT S' RCO PETURNS HE STATE OF R ON JK9. TAD BEING S MTIL RDO RE' , THE STATE EGISTER ON S BTAD BEING S TS OF THE RI	GH IBOST ARE YNCO AND CLE THE A HIGH L THE IHFRIME ET ASSERTS S FURES THE A F HF THE INFH IK9.	E ALL MME'S KRO. SYNCO LEVEL. AT ATIMN LEADS SYNCO AND HIGH LEVEL. MMMATIMN		TI TI	HE WUTPUTS O RANSITION DE HD HAITO IS	F THE REGIS THE INVERT HEGATED. G RETURH TØ A	TER ØN JK9 ED CLØCK (0 ØB1 AND GPF	VIA GOB1. CLKB1) TØGGI TO REMAIN TO	THE NEKT	3			
									CSMMAI ASSER CLBCK CLOCK: Bh JK' THE T WHEN I	ND IHPUTS IN TED BY ETCHI PULSE BN CI S THE STATE 9. THE TRAI IMING CHAIN, FF DB BECOME	FFS ACK FFS AID. KRO. THE FF THE INFI LING EDGE FFS DA AN S SET WALT	IO ASSERT SI A, AND GATE TRAILING EDV BRMATIBH LEV BF CLKRI YBV D DB TØ ASSE D IS NEGATET TO ØR ACKIO	AICKLO GENE BE #F THIS P LOS INT# THE GGLES FF STO ERT GPRO AND B. GPRO. GE	ERATE A PULSE E REGISTER D EMABLING D GWB1.											
KERNE DE FESSE SADE GROWN.																					BELL TI		RCUIT PACK	CPS-JK8 SHEET 3	21